Radio Appeals Save Many Lives

Radio Primer

Aerial or Antenna-Any conduc

all the difference in the world. We

everybody is doing. You really like

several days because there is much

Our itinery is now about com-

eted and we expect to spend the balance of February with Gov. Gen.

hai and up the Yangste river, 609

miles to Hangkow, and there we

We shall make our headquarters

at the Pekin hotel, and play in and

den and down through Korea, and

last of April, and the first of May,

shall send a message now and then

were glad to see two Studebaker

cars, a shipment of O'Brien varnish

trunks from Dodge's at Mishawaka,

and a large consignment of cotton.

KNIGHTS OF COLUMBUS.

VSE ENERGY GASOLINE OTHER

CONSUMERS PRODUCTS

PHONE LINCOLN

or MISHAWAKA 142

AN INSTITUTION OF QUALI

day, March 20, 7:30 p. m.

Attention, Special meeting Mon-

iron and steel.

"Japalac" and Indestructo

from along our route, and hope

around through Manchuria via Muk-

take the railroad into Pekin.



THE RADIO AMATEUR, LEFT, HAS BUILT HIS OWN SET INTO THE FAMILY CUPBOARD. AT RIGHT, A GIRL "NOVICE" IS LIST-ENING IN.

This is the sixth of a series of recruited from the ranks of amateur articles by Frank George, wireless operators. expert, on the principles of radio.

BY FRANK GEORGE (Checked and Approved by Radio inspection force in helping to ad- Stewart of this city finished his cigar Section, U. S. Burcau of Standards.) minister the radio laws. They have box receiving set. is the amateur radio operator as ing the beginner within proper lim- carries a pair of head receivers and

States. The only restrictions placed ment of amateur work on commer- The only finished instruments on his activities are with regard to cial activities. wave lengths and licensing. This is The development of the radio- and the receivers. The condenser to prevent confusion in the air lanes, phone should accelerate rather than he made of 12 sheets of copper, 2 The amateur operator is not nec- restrict further expansion of the inches by 1 inch in size, separated essarily a small boy. Many ama- amateur field. When entire towns by wax paper,

teurs are mature men and women have been devastated by fire, storm who possess most efficient radio sta- or flood, the radio amateur has fre- crystal set," says Stewart. tions. The term "amateur" opera- quently provided the only means of ter as distinguished from "commer- communication. Service of this kind cial" operator is used simply to des- will always be needed. ignate operators who are in radio Without the co-operation of ama- suggest its purchase for a good pro-

The radio "novice" is one who ble for the Department of Agriculhas only received a set for the pur- ture quickly to demonstrate the pose of "listening in." Of amateurs practicability of an agricultural there are more than 13,000; of nov- news broadcast service.

Amateur's Work. To the amateur operators is due much of the credit for the position the United States occupies in radio work. The rapidity of the practical development of long distance radio communication has been largely the result of tests and experiments conducted by amateurs in determining the efficiency or inefficiency o

Fully 90 percent of the radio operators in the American military or tor used in the reception or transnaval services during the war were mission of radio waves.

Col. Charles A. Carlisle Writes

Of Interesting Trip to the Orient

BY COL. C. A. CARLISLE | ing clear out of a dark blue sea. S. S. GOLDEN STATE, at Sea, Well, I wish that I could describe Feb. 7 .- (By mail) -- Over 6,000 the scene as we slip quietly along miles from home and we continue with the tide, down the Inland sea.

to run south by east at the rate of The next day we ride out into the

ing. The great South Sea carnival At Shanghai we are met by Byron is now in full swing at Manilla and Stansfield, a brother of Mrs. Gardi-

we will arrive in time to enjoy and ner, the wife of the Rev. Dr. James

participate in the last two days-it | L. Gardiner of St. Paul's church, and

promises to be exciting, and will of- as Mr. Stansfield is living in Shang-

fer us an opportunity to see the na- hai and knows the way, it makes

This has been a most interesting were delighted to see him and after

voyage and I wish that you could we had exhausted our supply of

lite, but insistant manner. The ride the Chinese after visiting Japan

along the shore boulevard to the Mr. Stansfield knew so well where

interesting, and these little "Jap" ually saw Shanghal during the day, men travel swiftly, but not as fast but we are going back again for

tel. It's a meeting place, and from will hear more about it later.

Everybody goes to the Grand ho- in Shanghai to see and do, and you

dock at Manilla on Thursday morn- next port, Shanghai, China.

Our next stop was Yokohoma, turn in March.

Japan, arriving Monday, the 30th.

way" and step out upon foreign soll.

fare, solicit your patronage in po-

Grand hotel which faces the sea is

it the shopping district is handy,

sion is splendid-much better than

our going away impression, in fact our departure was rather disap-

spirit, and found it so much differ-

ent from our entrance and depar-

our idea of standards, but unfortu-

nately we felt the "Jap" was so ser-

ious that his whole arm in life was

to get all he could and contribute

as little as possible, with the result

that all cheerfulness is extracted

out of life. You rarely see the chil-

dren jump or shout or laugh, and

them, but they are a serious people,

tistic side of Japan, and upon our

return there when the cherry blos-

som is in bloom we will have much

but like Yokohoma, it had little to

offer that was of special interest at

this time of the year, except its

great shipbuilding industries and

its potteries, and its great shipping

activity. The harbor was filled with

sea-going vessels, several hundred of every class and kind and, of

course, this made an interesting

scene. The real beauty of the voyage followed leaving Kobe as we en-

ter and pass through the "Inland

Have you ever been down the S

Lawrence, or through the Georgian bay districts, if so, just double them

up, multiply them if you can in

grandeur and beauty, and you get

a glimpse of the Inland sea. One

traveler who has gone round and round the world said to me that the

trip through the "Inland Sea" is the grandest, and most interesting stretch of its kind in the world, and

we accept his statement as correct, because we were fortunate to see it. at the best. The sunlight and the shadows, the rugged shore line, the

fertile valley beyond, the snow-

capped mountain range in the rear, the quaint little old-fashioned fishing villages, the great rocks tower-

Our next stop was at Kobe, Japan,

to say, and enthusiastically,

They are polite when you address

never the men or women.

as the "Chinaman."

17 knots per hour. We have over China sea, and then into the Yellow 560 miles yet to go, and expect to sea, and up the Yangste river to our

It is generally of cooper wire Forms of norials are stugle wire strung between two or more high points; flat top, holding severa wires in parallel; cage antenna, formed like a cylinder between two points, and loop antenna for interior radio receiving set.

Whole Set in Cigar Box



The amateurs have also been of KANSAS CITY, Mo., March 18 .vavluable assistance to the Depart- Two wire colls, a crystal detector, ment of Commerce with its limited some sheets of copper and R. R.

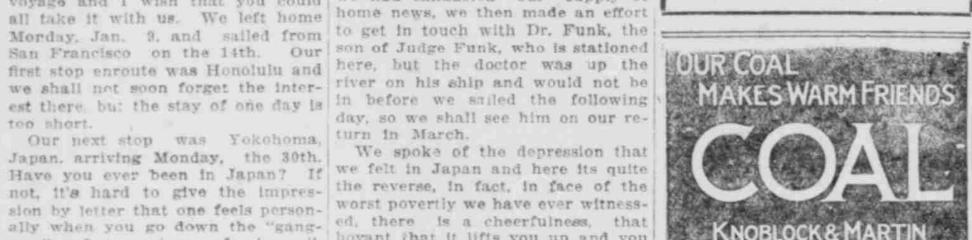
In no other country in the world served as radio policemen in hold- The set is so small that Stewart free from restraint as in the United its and in preventing the encroach- enough wire for aerial in the box. Stewart bought were the crystal set

"It is as good as the average

I buy and sell the stock of the Radio Corporation of America and Building & Loan Association

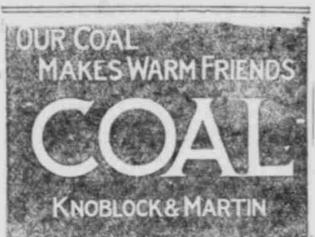


EFFECTIVE NOV. 20, 1931. Subject to change without noticetrains leaving South Bend, Indiana.



& SOUTHERN MICHIGAN RAILWAY COMPANY

zDally except Sunday.



4. S. MOORE, G. P. & F. a.

South Bend, Ind.

TAYLOR SUSPECT FOUND IN MEXICO

Former Officer of Canadian Army is Arrested-Ranchers Hear Threat.

LOS ANGELES, Calif., March 18, -A former officer in the Canadian army, arrested last night in Wexi- Taylor met his death. call, Baja, Calif., Mexico, in connection with the William D. Taylor PATTEN, ACE OF PIT, murder, arrived here this morning in custody of Detective Sergis. CHICAGO, March 18 .- "Battlin" Jesse A. Kinn and Edward King. Jim" Patten, once the terror of the

Avila, chief of the Mexican secret today. service on information supplied from the American side of the line The man now under arrest has been sought for some time. Police would not permit his name to be revealed. He is wanted on the strength of a story furnished Dist. Atty. Woolwine's office by L. A. Cock, Santa Ana rancher. Cock said that on Jan. 31, the

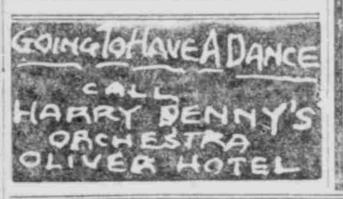
night before the Taylor shooting, he picked up two men on the highway into Santa Ana giving them a "lift" in his machine. One wore parts of a Canadian unl-

Compounded Quarterly

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fore April 10th draws interest from April 1st. of South Bend

216 West Washington Avc. F. M. BOONE, Treas. (Formerly 124 S. Main St.)



On the way into Santa Ana, ac- Patten, millionaire grain dealer, stuck out his square chin and told cording to Cock, the strangers dis- while addressing the Evanston the bissers: cussed a certain former captain of Woman's club on the work of the "I've started out to say something, the Canadian army then living in committee to enforce the Landis' de- and by God I am going to finish it-

them said, with a string of oaths, at the meeting, When the two men stepped from and dared them 'all to "do your "Not by a damned sight. We will

the machine in Santa Ana the one damndest." Patter clenched his fists, clean it up, or die." who made the remarks dropped a 38 calibre revolver from his coal pocket, Cock said.

DEFEATS HECKLERS He was arrested by Col. Jose wheat pit, was back in fighting form

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A CALUMET FOUR DRAWER OAK CABINET FOR LETTERS AT \$20.50



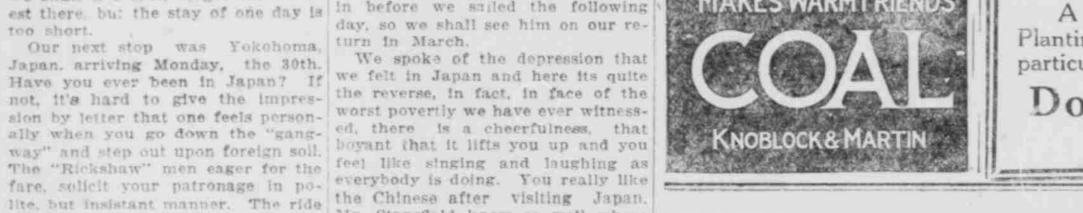
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We plant and develop for you 5 and 10-acre Grape Vineyards on easy terms, so that you may pay

We have a maintenance department that will care for them after maturity if you wish.

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owners \$300 to \$500 per acre per year. for them as they are being developed.

A 10-acre plat will make you independent for life.

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Dowagiac, Michigan

"CAPITOL"

The Twoin-One "Music Wonder"

Don't fail to get a free demonstration of this machine before you buy a phonograph or you will regret it. There's nothing like it in the musical world. "Sells on sight."

In appearance it is as you see it here pictured, a really beautiful library lamp - massive, rich, handsome.



Lift the upper half of the shade and a perfect phonograph is exposed. The turntable, record, needle, etc., are cunningly illuminated by a tiny electric lamp, making it easy to play.

Motor is electrically driven so that the tiresome round of wind, wind, wind is entirely done away with. The base is of solid cast bell bronze, heavily plated with real gold. Shade is of fine silk, richly ornamented with gold lace, gold tassels and silk or chenille fringe.

Two incandescent bulbs supply the illumination.

The phonograph instrument itself is a wonder of perfection, with unsurpassed tonal qualities. Plays any make of record and you don't have to wind it!

You are cordially invited to call and see this machine which is a thing of beauty, and hear the most perfect reproduction of the human voice ever invented. Store open evenings. Cheer up the home with a "CAPITOL."

"Oh, Boy," Dance music, nothing like it this side of "Dreamland."

CENTRAL ELECTRIC CO.

128 South Main Street

cision in the dispute over wages in I always finish what I start." "I'm going to get that bird if it the building trades, was beckled by He did.

Patten flung back taunt for taunt | Patten answered:

Just step in and pay

the small sum of one dol-

lor down and home goes

your phonograph. Then

one dollar per week while

you enjoy it. "Yes," it

is that wonderful "Kim-

ball." Remember the

"Kimball" is not of the

mushroom character, but

will stand close inspec-

tion and backed nation-

ally with unlimited re-

sponsibility. W. W. Kim-

ball Co. has made Musi-

est factory selling at-

Open Evenings

is the last act of my life," one of a few men, friends of the unionists Asked if the committee would

IS HERE

cal Merchandise for the past sixty-four years.

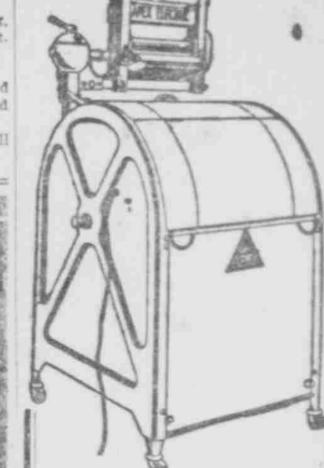
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per and lower. \$10.00

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。在1980年中的1980年中,1980年中,1980年中,1980年中,1980年中,1980年中,1980年中,1980年中,1980年中,1980年中,1980年中

Grown and Bridge Work

